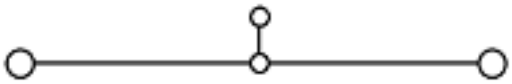

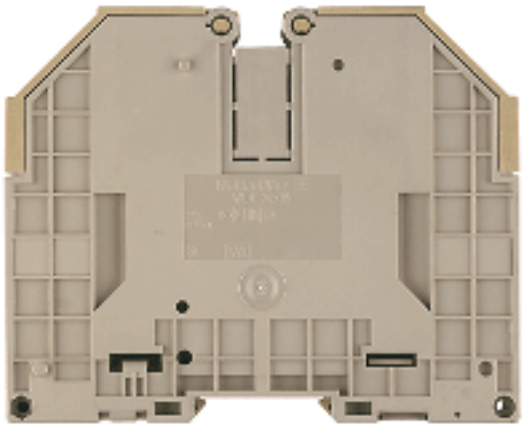

General ordering data	
Order No.	1024600000
Part designation	WDU 70/95
Version	Feed-through terminal, 95 mm², Screw connection, Wemid, dark beige, TS 35
EAN	4008190105990
Qty.	10 pc(s).

Product notes	
Note, ordering data	For details of ribbon cable see online catalogue, and for direct mounting see section "W-series accessories".
Product description	Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal.Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity.Direct mounting is possible thanks to the elongated holes on the underside of the terminal.
Note, accessories	Auxiliary connection for the additional conductor "WZAD 70", order no. 1066000000 (up to 4 mm², 32 A)

PT OKIECEx/ATEX rating data	
EU-type examination certificate	KEMA98ATEX1686U
Download, German	KEMA98ATEX1686U_d.pdf
Download English	KEMA98ATEX1686U_e.pdf
ATEX voltage	690 V
ATEX current	202 A
ATEX conductor cross-section	70 mm²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity

PT OKIECEx/ATEX rating data	
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)	
Solid, min.	16 mm²
Solid, max.	16 mm²
Stranded, min.	16 mm²
Stranded, max.	35 mm²
Flexible, min.	16 mm²
Flexible, max.	35 mm²
Flexible with ferrule, min. (DIN 46228 pt 1)	16 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm²

Additional technical data	
Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal

CSA rating data	
Voltage (CSA)	600 V
CSA current	205 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 2/0

Conductors for clamping (rated connection)	
Clamping range, min.	13.3 mm²
Clamping range, max.	120 mm²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	30 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B12

Conductors for clamping (rated connection)	
Solid, min.	16 mm²
Solid, max.	16 mm²
Stranded, min.	16 mm²
Stranded, max.	120 mm²
Flexible, min.	16 mm²
Flexible, max.	95 mm²
Flexible with ferrule, min. (DIN 46228/1)	16 mm²
Flexible with ferrule, max. (DIN 46228/1)	95 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	16 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm²
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	13.3 mm²
AWG conductor size, max.	120 mm²

Dimensions	
Width	27 mm
Height of lowest version	108 mm
Length	132 mm
Weight	340 g
TS 35 offset	66 mm

Rating data	
Rated cross-section	95 mm²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	232 A
Standards	IEC 60947-7-1
Current with max. conductor	232 A
Pollution severity	3

Strap connection	
Strap 1, max.	6 layers 16 x 0.8
Strap 1, min.	4 layers 16 x 0.8
Strap 2, max.	6 layers 9 x 0.8
Strap 2, min.	3 layers 9 x 0.8

UL rating data	
Voltage (UL)	600 V
Current (UL)	175 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 2/0

Approvals

Approvals institutes

Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1024680000	WDU 70/95 BL	Feed-through terminal, 95 mm², Screw connection, Wemid, blue, TS 35
1024650000	WDU 70/95 HG	Feed-through terminal, 95 mm², Screw connection, Wemid, dark beige, TS 35
1026700000	WDU 70/95/3	Feed-through terminal, 95 mm², Screw connection, Wemid, dark beige, TS 35
1032300000	WDU 70/95/5/N	Feed-through terminal, 95 mm², Screw connection, Wemid, dark beige, TS 35